# **Environmental Protection**

#### MISSION STATEMENT

The mission of the Department of Environmental Protection (DEP) is to improve the quality of life in our community through conservation, protection, and restoration of natural resources guided by the principles of science, sustainability, and stewardship; and to provide solid waste management services, including reducing, reusing, and recycling waste in an environmentally progressive and economically sound manner.

#### **BUDGET OVERVIEW**

The total approved FY16 Operating Budget for the Department of Environmental Protection is \$25,474,687, an increase of \$3,102,830 or 13.9 percent from the FY15 Approved Budget of \$22,371,857. Personnel Costs comprise 39.4 percent of the budget for 93 full-time positions and two part-time positions, and a total of 101.78 FTEs. Total FTEs may include seasonal or temporary positions and may also reflect workforce charged to or from other departments or funds. Operating Expenses account for the remaining 60.6 percent of the FY16 budget.

The debt service for the Water Quality Protection Fund is appropriated in the Debt Service Fund and is, therefore, not displayed in this section. To pay for the debt service, a transfer of funds from the Water Quality Protection Fund to the Debt Service Fund of \$3,020,250 for Water Quality Protection bonds is required.

#### LINKAGE TO COUNTY RESULT AREAS

While this program area supports all eight of the County Result Areas, the following are emphasized:

- A Responsive, Accountable County Government
- Healthy and Sustainable Neighborhoods

#### DEPARTMENT PERFORMANCE MEASURES

Performance measures for this department are included below, with multi-program measures displayed at the front of this section and program-specific measures shown with the relevant program. The FY15 estimates reflect funding based on the FY15 approved budget. The FY16 and FY17 figures are performance targets based on the FY16 approved budget and funding for comparable service levels in FY17.

#### **ACCOMPLISHMENTS AND INITIATIVES**

- DEP continues progress towards meeting the 2010 MS4 permit goals, and will work with the Maryland Department of Environment (MDE) to develop goals for the County's next MS4 permit.
- Additional staffing and contractual support is funded in the DEP and M-NCPPC budget to address the increased demand for Stormwater Management facility inspection, maintenance, and related program oversight.
- Initiated design on 23 stormwater management pond retrofits, five stream restoration projects, two green street neighborhoods and nine low impact development projects located on County and school properties.
- Restored over 7,803 linear feet of degraded stream channels and eroding streambanks in the Anacostia Watershed.
- Constructed 37 Low-Impact Development (LID) practices along Dennis Avenue, treating a combined impervious surface of 19.4 acres.
- Inspected over 1,100 stormwater management facilities to ensure the facilities are functioning properly.
- Handled over 1,400 environmental complaints and requests related to air, water quality, illegal dumping, and noise.
- Established forest cover on approximately 45 acres at the closed Oaks Landfill to provide 17 acres of credit towards meeting the MS4 permit requirements.

- Developed a Continuous Improvement Program template that will allow Certified Green Businesses to set sustainability goals and measure their progress.
- Reviewed and commented on 128 requests for variances from the Forest Conservation Law for disturbance and removals of regulated trees.
- Continued to expand watershed outreach to the County's diverse community, in particular native Spanish speakers. Hosted or participated in 103 outreach events, an increase of approximately 25% from the previous year. Watershed staff or volunteers interacted with approximately 12,500 people at these outreach events.
- Joined both Prince George's County and WSSC in developing a report on the needs for sewers and sewer finance issues in unserved and underserved communities.
- Developed sewer service policy recommendations for the Glen Hills area.
- Completed report on five years of litter monitoring in the Anacostia with results showing a decrease in all categories of litter except food packaging at 14 stream stations being monitored.
- Successfully transferred maintenance responsibility to three private property managers who participated in the pilot pet waste management station project in the Rock Creek watershed. From these seven stations, over 1,800 pounds of pet waste was collected.
- Productivity Improvements
  - Developed mobile application to support illicit discharge detection investigations allowing field staff to quickly and accurately input investigation data via smart phone, eliminating use of paper forms.
  - Developed an inspection database and iPad app for use by underground stormwater inspectors to more efficiently complete the annual underground pre-maintenance inspections.
  - Converted paper inspection and site assessment forms to tablet based forms which allowed for more rapid documentation completion and better customer service.
  - Increased use of ArcGIS tablet application to provide for quicker and more accurate mapping during environmental complaint investigations.
  - Incorporated Noise Complaint forms and Temporary Noise Waivers into case management system, which eliminated manual data input and enabled automatic creation of waiver certificates.
  - Developed a web-based app for RainScapes neighborhood level screening for retrofit opportunities on private property front yards.
  - Modified the DEP routes for streetsweeping to focus efforts within the Anacostia, making significant progress on pollutant reductions to meet Total Maximum Daily Loads (TMDL) for that watershed while keeping the same amount of impervious acre restoration credits.

#### **PROGRAM CONTACTS**

Contact Michelle Hwang of the Department of Environmental Protection at 240.777.7724 or Elyse Greenwald of the Office of Management and Budget at 240.777.2768 for more information regarding this department's operating budget.

#### PROGRAM DESCRIPTIONS

#### **Watershed Management**

This program supports watershed-based monitoring, planning, policy development, and project implementation activities designed to achieve County stream protection goals (Chapter 19, Article IV) and comply with the federal Clean Water Act NPDES Municipal Separate Storm Sewer System (MS-4) permit. In combination with the stormwater management projects in the Capital Improvements Program, this program's goal is to provide stormwater treatment for 3,976 acres of impervious area by 2015. Program staff conduct baseline stream monitoring, storm drain discharge monitoring, and public outreach activities that increase awareness and promote citizen involvement in stream stewardship. The program also assesses land development impacts on water resources and the effectiveness of best management practices that mitigate those impacts within the County's four designated "Special Protection Areas" (Chapter 19, Article IV).

Program staff manage, inspect, and ensures the operational effectiveness of over 9,000 stormwater management facilities which receive stormwater runoff discharge and are designed to protect County streams. The Department is also responsible for the structural maintenance of over 3,700 of these facilities.

Revenue for this program is generated by the Water Quality Protection Charge, applied to all residential and non-residential properties except for those owned by the State and County government, and in the cities of Gaithersburg, Rockville, and Takoma Park.

Program Performance Measures	Actual FY13	Actual FY14	Estimated FY15	Target FY16	Target FY17
County Watershed Stream Quality Index of Biological Integrity (IBI) Score	58.2%	58.9%	59.6%	60.4%	61.1%
Percent of the impervious acreage control goal met	6.3%	9.7%	12.9%	43.0%	73.1%
Percent of the nitrogen pollution reduction goal met	1.58%	4.39%	5.40%	19.27%	33.13%
Percent of the phosphorous pollution reduction goal met	4.17%	20.14%	28.57%	64.72%	100.86%
Stormwater Facility Maintenance Compliance Rate	85.6%	82.0%	82.0%	83.0%	85.0%

FY16 Approved Changes	Expenditures	FTEs
FY15 Approved	20,521,787	84.39
Enhance: Stormwater Management maintenance including new and newly transferred facilities	706,100	0.00
Enhance: Stormwater Management Facility Inspection Contractual Assistance	385,680	0.00
Enhance: Inspections of New Stormwater Management Facilities	350,000	0.00
Enhance: M-NCPPC Stormwater Management program costs	271,627	0.00
Enhance: Operating Budget Impacts of Stormwater Management CIP Projects	257,000	0.00
Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's)	177,000	0.00
Increase Cost: FY16 Compensation Adjustment	172,951	0.00
Increase Cost: Homeowner Association Roads Credit Phased Implementation	147,000	0.00
Increase Cost: Charges from Other Departments	96,434	0.00
Add: Planning Specialist III - Water and Sewer Planning	73,976	1.00
Add: Program Manager I - Stormwater Management Facility Inspection	73,976	1.00
Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload	47,142	0.30
Increase Cost: Retirement Adjustment	35,044	0.00
Increase Cost: Building Rent - 255 Rockville Pike	32,005	0.00
Increase Cost: Group Insurance Adjustment	14,625	0.00
Decrease Cost: Printing and Mail	-4,565	0.00
Decrease Cost: Elimination of One-Time Items Approved in FY15	-56,000	0.00
Decrease Cost: Annualization of FY15 Personnel Costs	-58,077	0.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	-128,657	-1.00
FY16 Approved	23,115,048	85.69

#### **Environmental Policy and Compliance**

This program develops and implements scientifically-based, integrated programs which protect and enhance the County's environmental resources and promotes sustainable practices by the County government, businesses, and residents. The division develops, analyzes, and enforces policies, programs, and regulations related to air quality (ambient and indoor), water quality and stormwater management, energy conservation, forest and tree resources, noise control, pollution prevention, and sustainability efforts. The division is also responsible for environmental monitoring of the County's solid waste facilities; coordination of responses on all legislative referrals at the local, state, and federal levels; and participation on local and regional task forces, committees, and various advisory groups.

Program Performance Measures	Actual FY13	Actual FY14	Estimated FY15	Target FY16	Target FY1 <i>7</i>
Average Number of Days to Resolve Incoming Complaints <sup>1</sup>	26	30	36	36	36
Non-Residential Building Energy Use as a Measure of Greenhouse Gas Reductions (Million British Thermal Units) [UNDER CONSTRUCTION]					
Percent of Customers Who Rated Themselves as Satisfied with DEP Response to Environmental Complaints <sup>2</sup>	70.8%	66.1%	65.0%	65.0%	65.0%
Residential Building Energy Use as a Measure of Greenhouse Gas Reductions (Million British Thermal Units) [UNDER CONSTRUCTION]					

<sup>&</sup>lt;sup>1</sup> The FY14 average is for 1,524 total cases in the following areas: Air, Indoor Air, Noise, Stormwater, Water Quality, Solid Waste, Hazmat, and PIA.

<sup>&</sup>lt;sup>2</sup> For FY14, DEP sent 635 emails to customers requesting they complete an electronic survey. 118 responses were received, which translates to a 18.6% resonse rate. 78 (66.1%) of the 118 respondents indicated they were satisfied with the service received.

FY16 Approved Changes	Expenditures	FTEs
FY15 Approved	1,017,282	7.94
Enhance: Tree Canopy Conservation - Tree Planting	200,000	0.00
Add: Office of Sustainability	145,162	2.00
Increase Cost: FY16 Compensation Adjustment	44,218	0.00
Increase Cost: Annualization of FY15 Lapsed Positions	38,105	0.00
Increase Cost: Annualization of FY15 Lapsed Positions	23,836	0.00
Increase Cost: Retirement Adjustment	13,785	0.00
Decrease Cost: Lapse Part-Time Program Manager II (.5 FTE) and substitute with contractual services for data analysis and research services in Office of Sustainability	-22,344	0.00
Decrease Cost: Motor Pool Rate Adjustment	-33,446	0.00
Decrease Cost: Annualization of FY15 Personnel Costs	-34,593	0.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	134,216	1.00
FY16 Approved	1,526,221	10.94

#### **Administration**

The Office of the Director provides leadership on policy development, implementation, and administration for all departmental programs and management services. The Director's Office is also responsible for planning, development, and administration of water supply and wastewater policies for the County, development of the State-required Montgomery County Comprehensive Water Supply and Sewerage System Plan. The technical experts in this program work to ensure that the County's management of water and wastewater protects public health and the environment. Additional activities in the Director's Office include budget development and administration; contract management; human resources management; management of the Water Quality Protection Charge including geographical information systems and information technology services.

FY16 Approved Changes	Expenditures	FTEs
FY15 Approved	832,788	5.15
Increase Cost: Group Insurance Adjustment	3,972	0.00
Decrease Cost: Printing and Mail	-4,069	0.00
Multi-program adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting multiple programs.	727	0.00
FY16 Approved	833,418	5.15

## **BUDGET SUMMARY**

	Actual FY14	Budget FY15	Estimated FY15	Approved FY16	% Chg Bud/App
COUNTY GENERAL FUND	F114	FIIS	FIIS	FIIO	воа/Арр
EXPENDITURES					
Salaries and Wages	941,677	1,152,130	1,097,532	1,267,367	10.0%
Employee Benefits	352,871	407,660	379,609	437,346	7.3%
County General Fund Personnel Costs	1,294,548	1,559,790	1,477,141	1,704,713	9.3%
Operating Expenses	224,465	290,280	370,493	496,147	70.9%
Capital Outlay	0	0	0	0	_
County General Fund Expenditures	1,519,013	1,850,070	1,847,634	2,200,860	19.0%
PERSONNEL					
Full-Time	40	41	41	43	4.9%
Part-Time	1	2	2	2	
FTEs	11.49	13.09	13.09	15.09	15.3%
REVENUES					- 40 -04
Other Charges/Fees	79,358	91,000	141,000	227,000	149.5%
Other Fines/Forfeitures Other Licenses/Permits	20,610 4,600	10,000	10,000	10,000	-33.3%
Tree Canopy	4,600	9,000 50,000	9,000 50,000	6,000 250,000	400.0%
County General Fund Revenues	104,568	160,000	210,000	493,000	208.1%
GRANT FUND MCG	,	•	,	•	
EXPENDITURES					
Salaries and Wages	0	0	0	0	
Employee Benefits	0	0	0	0	_
Grant Fund MCG Personnel Costs	0	<u>o</u>	0	0	_
Operating Expenses	83,243	0	0	0	_
Capital Outlay	0	0	0	0	_
Grant Fund MCG Expenditures	83,243	0	0	0	
PERSONNEL					
Full-Time	0	0	0	0	_
Part-Time	0	0	0	0	_
FTEs	0.00	0.00	0.00	0.00	_
REVENUES					
Miscellaneous Revenues	1,250	0	0	0	_
State Grants	33,387	0	0	0	
Grant Fund MCG Revenues	34,637	0	0	0	_
WATER QUALITY PROTECTION FUND					
EXPENDITURES					
Salaries and Wages	5,413,078	5,863,038	5,689,315	6,230,239	6.3%
Employee Benefits	1,794,004	2,013,922	1,788,239	2,095,836	4.1%
Water Quality Protection Fund Personnel Costs	7,207,082	7,876,960	7,477,554	8,326,075	<b>5.7</b> %
Operating Expenses	11,095,329	12,588,827	12,926,210	14,947,752	18.7%
Capital Outlay	0	56,000	0	0	_
Water Quality Protection Fund Expenditures	18,302,411	20,521,787	20,403,764	23,273,827	13.4%
PERSONNEL					
Full-Time	42	46	46	50	8.7%
Part-Time	1	1	1	0 0 (0	0.70/
FTEs	81.39	84.39	84.39	86.69	2.7%
REVENUES		0.150.000	2,150,000	2 400 000	11 /0/
Bag Tax Investment Income	0.407.005			2,400,000	11.6%
	2,406,995	2,150,000		01 720	
	11,430	8,540	21,020	81,730 32,633,364	857.0% 15.4%
Water Quality Protection Fee	11,430 23,571,861	8,540 28,273,690	21,020 28,630,224	32,633,364	15.4%
	11,430	8,540	21,020		
Water Quality Protection Fee Other Charges/Fees Water Quality Protection Fund Revenues	11,430 23,571,861 57,357	8,540 28,273,690 200,000	21,020 28,630,224 200,000	32,633,364 200,000	15.4%
Water Quality Protection Fee Other Charges/Fees Water Quality Protection Fund Revenues DEPARTMENT TOTALS	11,430 23,571,861 57,357 <b>26,047,643</b>	8,540 28,273,690 200,000 30,632,230	21,020 28,630,224 200,000 <b>31,001,244</b>	32,633,364 200,000 <b>35,315,094</b>	15.4% ————————————————————————————————————
Water Quality Protection Fee Other Charges/Fees Water Quality Protection Fund Revenues DEPARTMENT TOTALS Total Expenditures	11,430 23,571,861 57,357 <b>26,047,643</b> 19,904,667	8,540 28,273,690 200,000 <b>30,632,230</b> <b>22,371,857</b>	21,020 28,630,224 200,000 31,001,244 22,251,398	32,633,364 200,000 <b>35,315,094</b> <b>25,474,687</b>	15.4% ————————————————————————————————————
Water Quality Protection Fee Other Charges/Fees Water Quality Protection Fund Revenues  DEPARTMENT TOTALS Total Expenditures Total Full-Time Positions	11,430 23,571,861 57,357 <b>26,047,643</b> 19,904,667 82	8,540 28,273,690 200,000 <b>30,632,230</b> <b>22,371,857</b> 87	21,020 28,630,224 200,000 31,001,244 22,251,398 87	32,633,364 200,000 <b>35,315,094</b> <b>25,474,687</b> 93	15.4% — 15.3% 13.9% 6.9%
Water Quality Protection Fee Other Charges/Fees Water Quality Protection Fund Revenues DEPARTMENT TOTALS Total Expenditures	11,430 23,571,861 57,357 <b>26,047,643</b> 19,904,667	8,540 28,273,690 200,000 <b>30,632,230</b> <b>22,371,857</b>	21,020 28,630,224 200,000 31,001,244 22,251,398	32,633,364 200,000 <b>35,315,094</b> <b>25,474,687</b>	15.49 

## **FY16 APPROVED CHANGES**

	Expenditures	FTE
UNTY GENERAL FUND		
Y15 ORIGINAL APPROPRIATION	1,850,070	13.09
Changes (with service impacts)		
Enhance: Tree Canopy Conservation - Tree Planting [Environmental Policy and Compliance]	200,000	0.0
Add: Office of Sustainability [Environmental Policy and Compliance]	145,162	2.0
Other Adjustments (with no service impacts)		
Increase Cost: FY16 Compensation Adjustment [Environmental Policy and Compliance]	44,218	0.0
Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance]	38,105	0.0
Increase Cost: Retirement Adjustment [Environmental Policy and Compliance]	13,785	0.0
Increase Cost: Group Insurance Adjustment [Administration]	3,972	0.0
Decrease Cost: Printing and Mail [Administration]	-4,069	0.0
Decrease Cost: Lapse Part-Time Program Manager II (.5 FTE) and substitute with contractual services for	-22,344	0.0
data analysis and research services in Office of Sustainability [Environmental Policy and Compliance]		
Decrease Cost: Motor Pool Rate Adjustment [Environmental Policy and Compliance]	-33,446	0.0
Decrease Cost: Annualization of FY15 Personnel Costs [Environmental Policy and Compliance]	-34,593	0.
Y16 APPROVED:	2,200,860	15.0
ATER QUALITY PROTECTION FUND		
TIER QUALITY PROTECTION FOND		
Y15 ORIGINAL APPROPRIATION	20,521,787	84.3
Changes (with service impacts)		
Enhance: Stormwater Management maintenance including new and newly transferred facilities [Watershed Management]	706,100	0.0
· · · · · · · · · · · · · · · · · · ·	205 (20	
		0.1
Enhance: Stormwater Management Facility Inspection Contractual Assistance [Watershed Management]	385,680	
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management]	350,000	0.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management]	350,000 271,627	0. 0.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management]	350,000 271,627 257,000	0. 0. 0.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection	350,000 271,627	0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management]	350,000 271,627 257,000 177,000	0. 0. 0.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management]	350,000 271,627 257,000 177,000	0. 0. 0. 1.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]	350,000 271,627 257,000 177,000	0. 0. 0. 1.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Other Adjustments (with no service impacts)	350,000 271,627 257,000 177,000 73,976 73,976	0. 0. 0. 1.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Other Adjustments (with no service impacts) Increase Cost: FY16 Compensation Adjustment [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976	0.0 0.0 0.1 1.1
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management]  Enhance: M-NCPPC Stormwater Management program costs [Watershed Management]  Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management]  Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management]  Add: Planning Specialist III - Water and Sewer Planning [Watershed Management]  Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Other Adjustments (with no service impacts)  Increase Cost: FY16 Compensation Adjustment [Watershed Management]  Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976	0.4 0.4 0.4 1.4 0.4
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Dther Adjustments (with no service impacts) Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Charges from Other Departments [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434	0. 0. 0. 1. 1. 0.
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Dther Adjustments (with no service impacts) Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Charges from Other Departments [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload	350,000 271,627 257,000 177,000 73,976 73,976	0.0 0.0 0.1 1.0 0.1 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Dther Adjustments (with no service impacts) Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142	0.0 0.0 0.1 1.1 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044	0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005	0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Dther Adjustments (with no service impacts)  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Charges from Other Departments [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836	0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance] Increase Cost: Group Insurance Adjustment [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836 14,625	0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Administrative Specialist II - Stormwater Management CIP program (charged to CIP)	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836 14,625 6,286	0.0 0.1 0.1 1.1 0.0 0.0 0.0 0.1 0.1 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Administrative Specialist II - Stormwater Management CIP program (charged to CIP) Decrease Cost: Printing and Mail [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836 14,625 6,286 -4,565	0.0 0.1 0.1 1.4 0.1 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management] Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Charges from Other Departments [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Printing and Mail [Watershed Management] Decrease Cost: Printing and Mail [Watershed Management] Decrease Cost: Elimination of One-Time Items Approved in FY15 [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836 14,625 6,286 -4,565 -56,000	0.0 0.0 0.0 0.0 1.0 1.0 0.0 0.0 0.0 0.0
Enhance: Inspections of New Stormwater Management Facilities [Watershed Management] Enhance: M-NCPPC Stormwater Management program costs [Watershed Management] Enhance: Operating Budget Impacts of Stormwater Management CIP Projects [Watershed Management] Add: Post-construction monitoring of Best Management Practices (BMP) facilities within Special Protection Areas (SPA's) [Watershed Management] Add: Planning Specialist III - Water and Sewer Planning [Watershed Management] Add: Program Manager I - Stormwater Management Facility Inspection [Watershed Management]  Increase Cost: FY16 Compensation Adjustment [Watershed Management] Increase Cost: Homeowner Association Roads Credit Phased Implementation [Watershed Management] Increase Cost: Increase Senior Financial Specialist from 0.70 FTE to 1.00 FTE due to increased workload [Watershed Management] Increase Cost: Retirement Adjustment [Watershed Management] Increase Cost: Building Rent - 255 Rockville Pike [Watershed Management] Increase Cost: Annualization of FY15 Lapsed Positions [Environmental Policy and Compliance] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Group Insurance Adjustment [Watershed Management] Increase Cost: Administrative Specialist II - Stormwater Management CIP program (charged to CIP) Decrease Cost: Printing and Mail [Watershed Management]	350,000 271,627 257,000 177,000 73,976 73,976 172,951 147,000 96,434 47,142 35,044 32,005 23,836 14,625 6,286 -4,565	0.0 0.0 0.0 1.4 1.4 0.0 0.0 0.0 0.0 0.0 0.0

### **PROGRAM SUMMARY**

	FY15 Appro	oved	FY16 Appr	oved
Program Name	Expenditures	FTEs	Expenditures	FTEs
Watershed Management	20,521,787	84.39	23,115,048	85.69
Environmental Policy and Compliance	1,017,282	7.94	1,526,221	10.94
Administration	832,788	5.15	833,418	5.15
Total	22,371,857	97.48	25,474,687	101.78

## **CHARGES TO OTHER DEPARTMENTS**

		FY1	5	FY1	16
Charged Department	Charged Fund	Total\$	FTEs	Total\$	FTEs
WATER QUALITY PROTECTION	I FUND				
CIP	CIP	2,681,739	24.20	2,918,293	25.20

## **FUTURE FISCAL IMPACTS**

Title	APPR. FY16	FY17	FY18	(\$000 <b>FY</b> 19	FY20	FY21
inite is table is intended to present significant future fiscal in					F12U	F1/41
is lable is illienaed to present significant tolore fiscal il	inpucis of file	<u>аерагініені</u>	s programs.			
OUNTY GENERAL FUND						
Expenditures						
FY16 Approved	2.201	2,201	2,201	2,201	2,201	2,201
No inflation or compensation change is included in outyear	•	_,	_,,	_,	_,	_,
Labor Contracts	0	4	4	4	4	4
These figures represent the estimated annualized cost of ger	neral wage adju	ustments, serv	vice incremen	ts, and associ	ated benefits.	
Subtotal Expenditures	2,201	2,205	2,205	2,205	2,205	2,205
ixpenditures Y16 Approved	23.274	23.274	23.274	23.274	23.274	23.274
ATER QUALITY PROTECTION FUND						
	23,274	23,274	23,274	23,274	23,274	23,274
No inflation or compensation change is included in outyear	projections.					
Labor Contracts	. 0	27	27	27	27	27
These figures represent the estimated annualized cost of ger				-		
	^	17				
•	0	17	40	64	89	89
DEP share of building rent of 255 Rockville Pike offices.						89
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased	0	16	43	181	209	
Homeowner Association Roads Credit Phased Implementation These amounts relate to a phased implementation of a Wate	0	16	43	181	209	209
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased Implementation  These amounts relate to a phased implementation of a Wate Homeowner Association roads.	<b>0</b> er Quality Prote	16 ection Charge	43 credit progra	<b>181</b> m authorized	<b>209</b> l by Bill 34-12	<b>209</b>
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased Implementation These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities	0 er Quality Prote	16 ection Charge	43 credit progra	181 m authorized	209 I by Bill 34-12	209 for
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased mplementation These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities These figures represent costs associated with the inspection	Ouality Prote O of new above g	16 ection Charge 0 round and ur	43 credit progra 0 nderground st	181 m authorized 0 ormwater ma	209 I by Bill 34-12 30 Inagement fac	209 for 30
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased mplementation  These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities These figures represent costs associated with the inspection operating Budget Impacts of Stormwater	0 er Quality Prote	16 ection Charge	43 credit progra	181 m authorized	209 I by Bill 34-12	209 for 30
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased mplementation  These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities These figures represent costs associated with the inspection operating Budget Impacts of Stormwater	0 er Quality Prote 0 of new above g	16 ection Charge 0 eround and ur 209	43 credit progra 0 nderground st	181 m authorized 0 ormwater ma 1,473	209 I by Bill 34-12 30 Inagement fac	209 for 30
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased mplementation  These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities  These figures represent costs associated with the inspection  Departing Budget Impacts of Stormwater  Management CIP Projects  These figures represent the Operating Budget Impacts of Stormwater	0 er Quality Prote 0 of new above g	16 ection Charge 0 eround and ur 209	43 credit progra 0 nderground st	181 m authorized 0 ormwater ma 1,473	209  I by Bill 34-12  30  Inagement face	209 for 30 cilities.
DEP share of building rent of 255 Rockville Pike offices.  Homeowner Association Roads Credit Phased Implementation  These amounts relate to a phased implementation of a Wate Homeowner Association roads.  Inspections of New Stormwater Management Facilities These figures represent costs associated with the inspection Operating Budget Impacts of Stormwater Management CIP Projects	0 er Quality Prote 0 of new above g 0 ormwater Mana	16 ction Charge 0 round and ur 209 gement proje 50	43 credit progra  0 nderground st  941 ects in the FY1 100	181 m authorized  0 ormwater ma 1,473 6-20 CIP.	209 I by Bill 34-12 30 Inagement face 1,989	209 for 30 cilities. 1,989